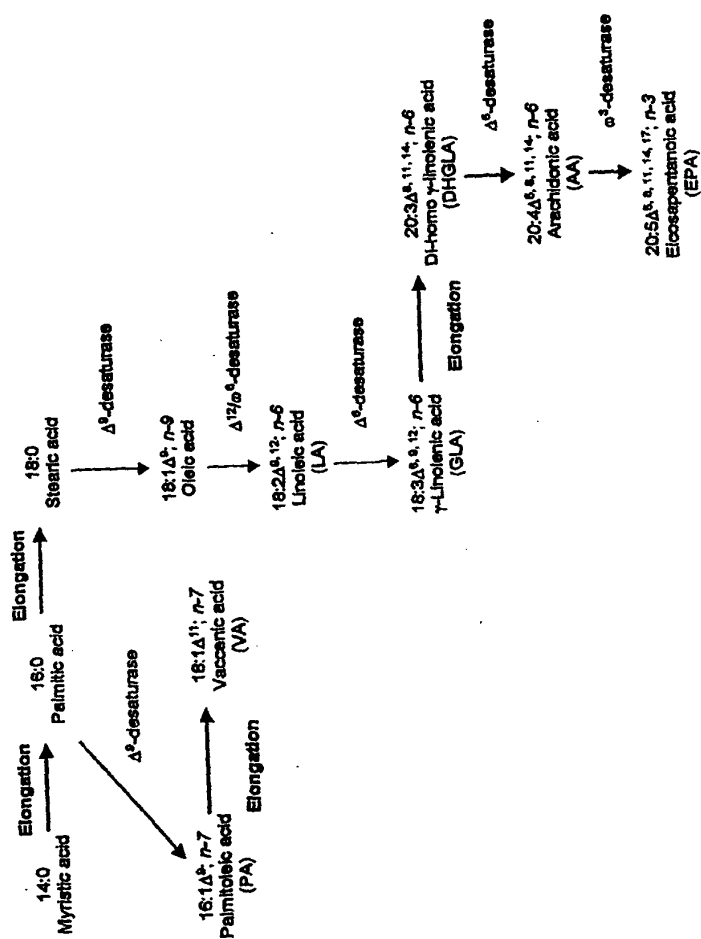


FIG. 1



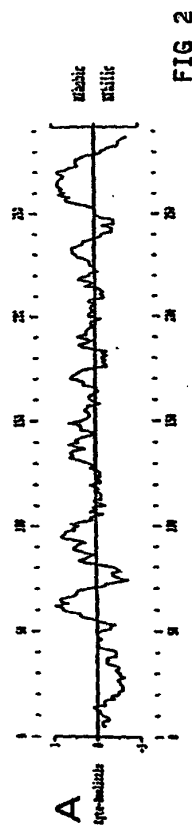


FIG 2

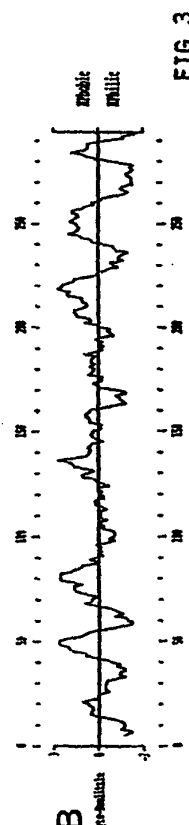


FIG 3

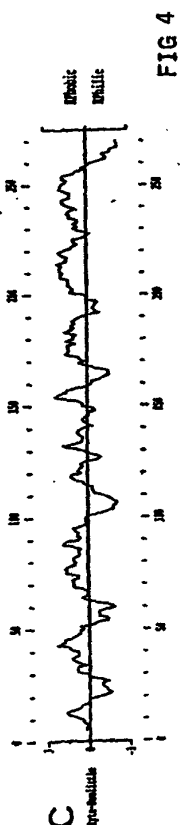


FIG 4

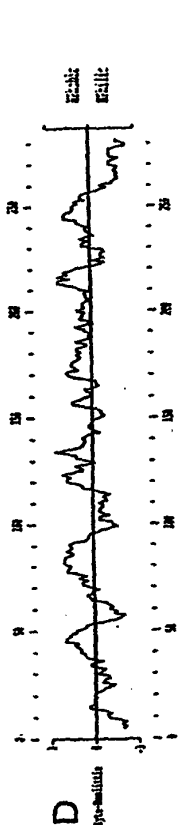


FIG 5

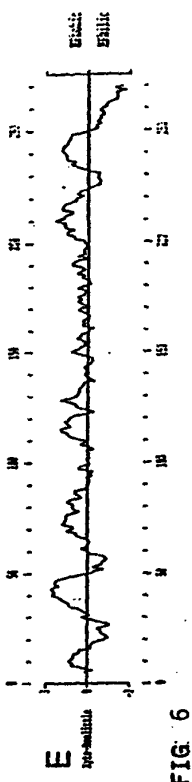


FIG 6

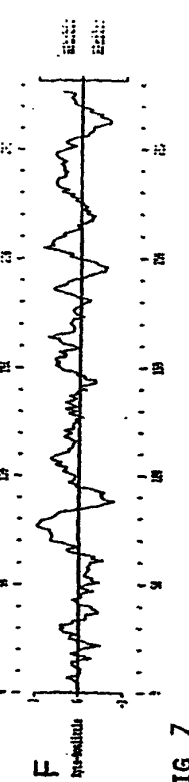


FIG 7

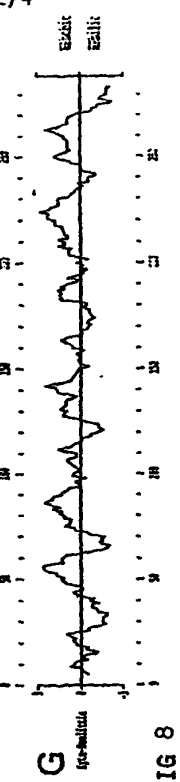


FIG 8

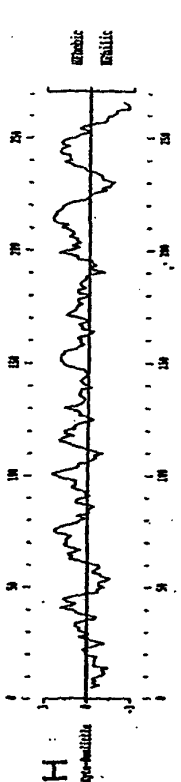


FIG 9

FIG. 10

Elo1 ----- MVSDWKNFCKLEKASR ----- FRPT I DRPFFNIYLDWFYFNRAVGWA TAGRFV  
Elo2 ----- MNSLVTYQAAPLFRERYQLHDVLPTEFRPFNNISLWEHFDDVVTVRTNGRFF  
Elo3 MNT TTSTV IAAVADQFQSLNSSSSCFKLVHVPSEINP FGIELWPIF8KVFEYF8G --YP  
Ctp30 ----- MDTSMNF8RGLKMDLMQ  
B207d4 -----  
F68H11.4 ----- MAQHPLVQRRLDVKFDTKRFVA IATHG  
F41H10.8 ----- MPQGEVSF FEVLTTA  
F68H11.3 ----- MYLNYFATEIFHRSAVCETACR8SK IMIADVFKWKFQDANELWS LTNQ

Elo1 FKDFEFTVGKQPLSEPR --PVLLFIAMYYIFGGR8LVK --SCKFLKRFISQVHLLM  
Elo2 GSEFQFIAGELPLSTLP --PVLYAITAYYIFGGRFLLS --K8KPKLQGLFQHLNVL  
Elo3 AEOEF IHNKTFLANGY --HAV8TIVVYIIFGGQAILALNALS LKFLKFEIHNLF  
Ctp30 EYDETFQGLRPLFEEYVW88FLIVVVYLLVVSQTYER --TRK88ORPLIHLVSFFL  
B207d4 -----  
F68H11.4 EKNFPADEGR-KRKFADHFQVTIQASILAMVYFGTKWFFR --NRQPFQCTIPINIKKFI  
F41H10.8 P --FSHEL8-KKHIAQTQYAAFWMAMVYIFGLKAMYT --NRKPFQCTIPINIKKFI  
F68H11.3 DEVEPHIR-ARRFIQEHFGLFVQMAIAMVLYVESIKRFR --DRPEFQCTIPINIKKFI

Elo1 T8VSFLWLILVEOMLPVYRHGYFAVNESWTQPMETLY-YNNMYTGFVEFADIVLM  
Elo2 T8LSLTLLILVEQLVPIVQHGLYFAIC8AWTQPLVTLY-YMNYVVKFIEIDTFPL  
Elo3 TSISLVWLILVEQLVPMVYHNGLFW8ISKEAEAPKIVTLY-YNYETKFVELIDTFPL  
Ctp30 AIF8ILGTLRWNKFMATVMTVGLKQIVCFAYITDDAMVRFWSFIFLLSKVVELGQDTAFI  
B207d4 -----DTIFI  
F68H11.4 AAF8IAGAVKTEPEFFGTIANKQIVASYKVFDFTKGENGYWVWMFASKLFEIVDTIFI  
F41H10.8 AIF8TLG8ATTGQLLHEF8R8F8E8I8H8G8Y8G8I8G8MTW8F8L8KVA8F8GTLIFI  
F68H11.3 SVFSYGSWTFPFMVQQLJRLGYLGYCGCEAL8NLP8QAEYWLFTILSKAVEFVDTIFI

Elo1 VLKHKRLTFLPTVYHGGATALCYNQILVGYTAVTWPMFENLAVHVEYVYFFL8A88SIRV  
Elo2 VLKHKRLTFLPTVYHGGATALCYTQLMOT8ISWMPH8ENLGVHVMYVYFFLA88SIRV  
Elo3 VLKHKRLTFLPTVYHGGATALCYTQLIGRT6VEWV8LNLGVHVMYVYFFLS88SIRV  
Ctp30 ILRKRPLIFLHWYHHSTVLST8FYGKKNVPSGGWFMELNFGVH8MYTYTMTKAAKLKH  
B207d4 ILRKRPLIFLHWYHHSTVLST8FYGKKNVPSGGWFMELNFGVH8MYTYTMTKAAKLKH  
F68H11.4 ILRKRPLIFLHWYHHSTVLST8FYGKKNVPSGGWFMELNFGVH8MYTYTMTKAAKLKH  
F41H10.8 ILRKRPLIFLHWYHHSTVLST8FYGKKNVPSGGWFMELNFGVH8MYTYTMTKAAKLKH  
F68H11.3 ILRKRPLIFLHWYHHSTVLST8FYGKKNVPSGGWFMELNFGVH8MYTYTMTKAAKLKH

Elo1 --HWKAWYTRFQVCFMLDIIVVYVYQKIVAAVFKNACTPQCED8LG8MTAIAAGAAI  
Elo2 --HWKAWYTRFQVCFMLDIIVVYVYQKIVAAVFKNACTPQCED8LG8MTAIAAGAAI  
Elo3 --HWKAWYTRFQVCFMLDIIVVYVYQKIVAAVFKNACTPQCED8LG8MTAIAAGAAI  
Ctp30 --HWKAWYTRFQVCFMLDIIVVYVYQKIVAAVFKNACTPQCED8LG8MTAIAAGAAI  
B207d4 --HWKAWYTRFQVCFMLDIIVVYVYQKIVAAVFKNACTPQCED8LG8MTAIAAGAAI  
F68H11.4 --HWKAWYTRFQVCFMLDIIVVYVYQKIVAAVFKNACTPQCED8LG8MTAIAAGAAI  
F41H10.8 --HWKAWYTRFQVCFMLDIIVVYVYQKIVAAVFKNACTPQCED8LG8MTAIAAGAAI  
F68H11.3 --HWKAWYTRFQVCFMLDIIVVYVYQKIVAAVFKNACTPQCED8LG8MTAIAAGAAI

Elo1 LYSYLLFIF8FYI8VYK8G88KK8INKNN--  
Elo2 LYSYLLFIF8FYI8VYK8G88KK8INKNN--  
Elo3 LYSYLLFIF8FYI8VYK8G88KK8INKNN--  
Ctp30 LYSYLLFIF8FYI8VYK8G88KK8INKNN--  
B207d4 LYSYLLFIF8FYI8VYK8G88KK8INKNN--  
F68H11.4 LYSYLLFIF8FYI8VYK8G88KK8INKNN--  
F41H10.8 LYSYLLFIF8FYI8VYK8G88KK8INKNN--  
F68H11.3 LYSYLLFIF8FYI8VYK8G88KK8INKNN--

Elo1 -----  
Elo2 RRKR  
Elo3 -----  
Ctp30 -----  
B207d4 -----  
F68H11.4 -----  
F41H10.8 -----  
F68H11.3 -----

FIG. 11

